Amendments to the Claims

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

Claims 1-19 (Cancelled).

20. (Currently amended) A method for displaying at a mobile ~~user~~ client device, output produced by an application program executing on a server, the method comprising ~~the steps of~~:

~~(a) executing, by an application server, an application producing a screen of graphical user interface data;~~

(~~b~~a) ~~transmitting to~~ receiving, by a thin-client program executing on a proxy server, application output data generated by an application executing on an ~~by the~~ application server, ~~the screen of produced graphical user interface data~~;

(c) writing, by the thin-client program executing on the proxy server, received application output data to a virtual frame buffer maintained in a memory element on the proxy server;

(d) generating, by the proxy server, a static image from at least a portion of the application output data stored in the frame buffer; and

(e) transmitting to ~~a~~ the mobile client ~~user~~ device, by the proxy server, the static image ~~data representing at least a portion of the screen of produced graphical user interface data; and (d) displaying, by the user device, the transmitted static image data~~.

21. (Currently amended) The method of claim 20 further comprising ~~the step of~~ formatting, by ~~the~~ an application server, the application data ~~screen of graphical user interface data produced by the executing application~~ into at least a first message in a presentation protocol format.

22. (Currently amended) The method of claim 20 further comprising ~~the step of~~ formatting, by ~~the~~ an application server, the application data ~~screen of graphical user interface data produced by the executing application~~ into at least a first message in Independent Computing Architecture (ICA) protocol format.

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23. (Currently amended) The method of claim 20 further comprising ~~the step of~~ formatting, by ~~the~~ an application server, the application data ~~screen of graphical user interface data produced by the executing application~~ into at a first message in Remote Display Protocol (RDP) format.

24. (Currently amended) The method of claim ~~20~~ 26 further comprising modifying the application data prior to compression ~~the step of creating, by the proxy server, a static image file representing at least a portion of the screen of produced graphical user interface data~~.

25. (Cancelled).

26. (Currently amended) The method of claim 20 ~~25 wherein~~ further comprising ~~said modifying step comprises~~ applying lossy image compression to the application data received from the application server.

27. (Currently amended) The method of claim 24 ~~25 wherein~~ ~~said~~ modifying the application data further ~~step~~ comprises changing the color depth of the data received from the application server.

28. (Currently amended) The method of claim 24 ~~25 wherein~~ ~~said~~ modifying the application data further ~~step~~ comprises scaling the data received from the application server.

29. (Currently amended) The method of claim ~~18~~ 20 wherein transmitting further ~~step (c)~~ comprises transmitting to the mobile client ~~a user~~ device, by the proxy server, GIF image data representing the static image ~~at least a portion of the screen of graphical user output~~.

30. (Currently amended) The method of claim 20 wherein transmitting further ~~step (c)~~ comprises transmitting to the mobile client ~~a user~~ device, by the proxy server, JPEG image data representing the static image ~~at least a portion of the screen of graphical user output~~.

31. (Currently amended) The method of claim 20 wherein transmitting further ~~step (c)~~ comprises transmitting to the mobile client ~~a user~~ device via ~~the~~ Hyper Text Transfer Protocol (HTTP), by

the proxy server, the static image ~~data representing at least a portion of the screen of produced graphical user interface data~~.

32. (Currently amended) The method of claim 20 further comprising ~~the step of~~ receiving, by the proxy server, data representing input from the <u>mobile client</u> ~~user~~ device.

33. (Currently amended) The method of claim 32 further comprising ~~the step of~~ transmitting, by the proxy server, the received <u>mobile client device</u> ~~user~~ input data to the application server.

34. (Currently amended) The method of claim 20 further comprising ~~the step of~~ receiving, by the proxy server, data from ~~the~~ <u>an</u> application execution server representing a change in the <u>static image displayed on the mobile client device screen</u> ~~screen of produced graphical user interface data~~.

35. (Currently amended) The method of claim 34 further comprising ~~the step of~~ transmitting to <u>the mobile client</u> ~~a user~~ device, by the proxy server, static image data representing the changed <u>portion of the static image</u> ~~screen of produced graphical user interface data~~.

36. (Currently amended) The method of claim 35 wherein ~~said~~ transmitting <u>further comprises transmitting the static image data</u> ~~step occurs~~ after a predetermined period of time has elapsed.

37. (Currently amended) The method of claim 20 further comprising ~~the step of~~ transmitting, by the <u>mobile</u> client <u>device</u> ~~application~~, a request for updated static image information.

38-54. (Cancelled).

55. (New) The method of claim 20 further comprising determining, by the proxy server, an acceptable amount of image loss based in part on a screen included on the mobile client device.

56. (New) The method of claim 55 further comprising compressing, by the proxy server, the static image according to the determined amount of image loss.